

Recombinant Human EMG1 Protein, GST-tagged

Cat. No. EMG1-3277H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EMG1 full-length ORF (BAF84286.1, 1 a.a. - 244 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes an essential, conserved eukaryotic protein that methylates pseudouridine in 18S rRNA. The related protein in yeast is a component of the small subunit processome and is essential for biogenesis of the ribosomal 40S subunit. A mutation in this gene has been associated with Bowen-Conradi syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]
Molecular Mass	53.24 kDa
AA Sequence	MAAPSDGFKPRERSGGEQAQDWDALPPKRPLGAGNKIGGRRLIVLEGASLETVK VGKTYELLNCDKHKHSILLKNGRDPGEARPDITHQSLMLMDSPLNRAGLLQVYIHTQ KNVLIEVNPQTRIPRTFDRFCGLMVQLLHKLSVRAADGPQKLLKVIKNPVSDHFPVG CMKVGTSFSIPVSDVRELVPSSDPIVFVGAFAGKVSVEYTEKMVSISNYPLSAAL TCAKLTTAFEEAWGVI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	EMG1 EMG1 nucleolar protein homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	EMG1
Synonyms	EMG1; EMG1 nucleolar protein homolog (S. cerevisiae); ribosomal RNA small subunit methyltransferase NEP1; C2F; Grcc2f; NEP1; essential for mitotic growth 1; ribosome biogenesis protein NEP1; 18S rRNA Psi1248 methyltransferase; 18S rRNA (pseudouridine-N1-)-methyltransferase NEP1; FLJ60792;
Gene ID	10436
mRNA Refseq	NM_006331
Protein Refseq	NP_006322
MIM	611531
UniProt ID	Q92979

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